

**ANODE MODULE FOR A LIQUID METAL ANODE X-RAY SOURCE, AND  
X-RAY EMITTER COMPRISING AN ANODE MODULE**

**ABSTRACT**

The invention relates to an anode module 1 for a liquid-metal anode X-ray source which has an electron entry window 3 in the region of focus 2.

It is provided according to the invention that an X-ray beam exit window 4 lies opposite the electron entry window 3 of the anode module 1 and the exit angle  $\Theta$  of the X-ray beams 7 between an electron beam 6 entering through the electron entry window 3 along the direction of incidence 5 and the X-ray beams 7 exiting through the X-ray beam exit window 4 is between  $5^\circ$  and  $50^\circ$ , in particular  $15^\circ$ .

The invention also relates to an X-radiator with an electron source for the emission of electrons and a liquid-metal anode emitting X-ray beams 7 when the electrons strike, which has an anode module 1 with the above-named features.